



Careers in manufacturing: furnishing

Timber composites and machining

Timber and composites machinists set up and operate woodworking machines and wood turning lathes to shape wood stock, manufacture windows and doors, and program and maintain machines.

Blinds and awnings maker/installer

Key responsibilities may include:

- studying drawings, work orders and sample parts to determine specifications
- determining tooling and machine requirements and sequence of operations
- operating machines to cut, plane, turn, shape and sand work pieces
- maintaining and programming machines.

Occupations within the timber composites and machining sector include:

- Timber and composites machinist
- Timber window and door manufacturer
- Machine programmer and maintenance technician.

Timber and composites machinist

Timber and composites machinists set up, operate and maintain woodworking machines, such as planers, moulders, drilling machines, routers and saws in order to cut, plane, shape and sand wood to the required shape and size. These wooden items are then used to make a variety of items, such as tables, desks, chairs, beds, cabinets, doors and window frames.

There are three distinct pathways:

1. **Timber** - machining of solid timber components used in the manufacturing of furniture, joinery, wood turning and timber windows and doors.
2. **Composite** - machining of composite materials, such as particle boards, medium and high density fibreboards, and other plastic and composite materials used in the manufacturing of furniture, kitchens and bathrooms.
3. **Technician** - Programming and maintaining of computer numerically controlled (CNC) machinery and equipment to ensure maximum performance and product return.

Relevant qualifications:

- Certificate II in Furniture Making
- Certificate III in Timber and Composite Machining

Timber window and door manufacturer

Timber window and door manufacturers cut, shape and fit timber parts used in joinery to form structures and fittings ready for installation.

Relevant qualifications:

- Certificate II in Furniture Making
- Certificate III in Timber and Composites Machining

Machine programmer and maintenance technician

Machine programmers and maintenance technicians work in sawmills, in particleboard or solid wood board production, furniture manufacturing or in production planning at carpentry companies and in timber construction.

Tasks may include:

- setting woodworking machines, assembly lines and transport systems
- equipping woodworking machines with saw blades and cutting tools
- controlling the machine production of slats, strips and wood profiles

- carrying out wood protection measures and surface treatments (e.g. polishing, planing, sanding and impregnating)
- performing function tests and quality controls
- inspecting and maintaining tools, equipment, machinery, systems and auxiliary equipment.

Relevant qualification:

- Certificate III in Timber and Composites Machining

More information:

www.kbcabinetmaking.com.au

This information sheet has been produced with assistance from the Australian Government.

